

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3/A [Signature]  
11/17/01

In re Patent Application of

CRINE et al

Atty. Ref.: 163-35

Serial No. Unassigned

Group:

Filed: August 21, 2001

Examiner:

For: COMPOSITIONS

\* \* \* \* \*

August 21, 2001

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**PRELIMINARY AMENDMENT**

Please amend the above application as follows:

**IN THE CLAIMS**

Please substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

3. (Amended) A mutant of the enzyme of claim 1, which is inactive but retains binding capacity to a ligand molecule to PHEX.

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